

Date: Fri, 16 Apr 93 19:31:40 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #474
To: Info-Hams

Info-Hams Digest Fri, 16 Apr 93 Volume 93 : Issue 474

Today's Topics:

"Busting" Jammers
10meters (Give it to CB)
Earmics, motorcycles (3 msgs)
Equipment for a shuttle contact? (3 msgs)
History question
How the DTMF masking device work?
Motorola Motrac tuning info requested
STS-56 Element Set (106.63)
Welcome to rec.radio.info!
Where to find solid state voice storage unit kit or schematic?
Wireless LAN News Group

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Apr 93 13:48:05 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: "Busting" Jammers
To: info-hams@ucsd.edu

In article kj3@umcc.umcc.umich.edu, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
| A lot of times, the FCC can't/won't do anything right away, but if
| the complaints & evidence persist, eventually they will get involved.
| They'll probably use the information you've provided as a start, & then
| they will come out with their \$30,000 - \$80,000 worth of electronic
| equipment, & gather evidence which will actually stand up in court.
|

| THEY can hold their own ground in court. How well do you think any
| of us could do on the stand, under cross-examination, & being asked just
| what exactly makes us experts at RDF, emitter signatures, etc?

Usually they don't have to hold any ground in court. They just levy fines or revoke licences as they see fit. Other federal government agencies simply confiscate property. There is no court case involved. (ATF, DEA.) Constitutional provisions against unreasonable searches & seizes? Never heard of 'em. ;^) Further more, nobody gets to sue the federal government (in otherwords nobody has "standing" to sue) unless the congress grants it. Congress can say (and often has said) that the federal government will not be sued on certain issues (like indian treaties.)

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

They moved all the streets around while you were sleeping last night.

Date: 16 Apr 93 22:33:46 GMT
From: hp-cv!hp-pcd!hpcvaac!billn@hplabs.hpl.hp.com
Subject: 10meters (Give it to CB)
To: info-hams@ucsd.edu

bly@btree.uucp (Roger Bly) writes:
: stated this intent. That is great, but I think we all would like to see some
: spectrum remain focused on experimentation, public service, etc. I would
: rather the new citizen bands be new allocations, but would settle for 10m,
: etc. being reallocated to CB.

Why 10m? You would just have the same problems that occur on the current 11m band. It should be put up around 700Mhz - where skip is not a real problem. After all, CB is supposedly for local communication.

: Remember that the FCC's charter is to "allocate radio spectrum in the greater
: public's interest...". I think the allocations for public service, business,
: broadcasting, cellphones, LEO, DBS, amateur, etc. make a lot of sense.
: However, the allocations for military are much too large, and those for
: citizen's band are too small. They just don't follow that charter.
: Everyone I've talked to at the FCC and Congress agrees that there needs to
: be a change in these areas in this the "decade of mobile communications".

Ten or twenty years ago, during the CB craze, this would have been true. Now, DB is not used nearly as much. If I had my way, I would phase out 11 meters over a period of 10 years or so and reassign CB to a UHF band.

: These proposed citizen's bands would not be anything like the 11m band we
: have today. It can be easily argued that the problems with that band have
: to do with the psychology of too many people in too small a space and poor
: band location.

A lot of it was due to the band - 11 meters. It would not have been nearly as popular, nor would there have been all the amplifier problems, if skip did not exist on the band.

: >And as to your fondness for talking with the "bootleggers", they are not in
: >the amateur radio service. Your license doesn't permit you to broadcast,
: >or to communicate with other radio services. (except in the case of an
: >emergency, of course.)
:
: In the name civil disobedience, I'll risk it. :->

It's your neck.

Bill

Date: 16 Apr 93 20:42:55 GMT
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Earmics, motorcycles
To: info-hams@ucsd.edu

In article <jfhC5L5AF.Er9@netcom.com>, jfh@netcom.com (Jack Hamilton) wrote:
> When it arrived, I discovered that it did not, in fact, work. I called
> Comet again. The person I talked to said that it should work, but that he
> would call Yaesu to discuss it. Yesterday he called back to say that it
> wouldn't work on the FT-530, although it would work on some other Yaesu's.

Jack-

A better question might be: Why doesn't it work? Is it merely a wiring problem that might be easily corrected? Could an adapter be built that would match the wiring and/or impedances?

I was interested in an ear-microphone for other purposes, and collected what information I could find at the recent Mobile Communications Expo. The following three companies have products that may meet your needs:

Variety Electronic, Inc.
1977 O'Toole Avenue B-106
San Jose, CA 95131

(408) 383-1666
FAX (408) 383-1668

Sonic Communications, Inc.
#4 Colonial Center, Box 287
New Ipswich, NH 03071
(603) 878-1944
FAX (603) 878-1773

Dynatech Tactical Communications, Inc.
16 Hampshire Drive
Hudson, NH 03051
(603) 880-4411
(800) 233-8639 Outside NH
FAX (603) 880-6965

I would worry about any of these companies, until they showed me their product was compatible. They may all actually be importing the same device as Comet!

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Fri, 16 Apr 1993 16:47:02 GMT
From: dog.ee.lbl.gov!pasteur!agate!usenet.ins.cwru.edu!gatech!udel!
darwin.sura.net!emory!news-feed-1.peachnet.edu!umn.edu!csus.edu!netcom.com!
jfh@network.UCSD.EDU
Subject: Earmics, motorcycles
To: info-hams@ucsd.edu

I would like to be able to use my HT on my motorcycle. After looking around, I decided that the Comet earmic (ML-7I) would be the way to go. I called Comet to ask whether it would work with a Yaesu FT-530, and was told that it would. I ordered one from AES.

When it arrived, I discovered that it did not, in fact, work. I called Comet again. The person I talked to said that it should work, but that he would call Yaesu to discuss it. Yesterday he called back to say that it wouldn't work on the FT-530, although it would work on some other Yaesu's.

So, what now? Does anyone else make an earmic? (An earmic is a combined speaker/microphone that fits in your ear canal. It has a separate PTT switch on a cord.) I think I've heard of in-ear microphones from other manufacturers, but I can't remember who they were. Does anyone know? One which has the mic in one ear and the speaker in the other would be ideal,

since it should be possible to have VOX.

Any other suggestions for motorcycle riding? I use a full-face helmet, and I don't want to drill holes in it.

--

Jack Hamilton KD6TTL jfh@netcom.com P0 Box 281107 SF, CA 94128 USA

Date: 16 Apr 93 21:32:49 GMT

From: elroy.jpl.nasa.gov!sdd.hp.com!col.hp.com!news.dtc.hp.com!srgenprp!
frankb@uunet.uu.net

Subject: Earmics, motorcycles
To: info-hams@ucsd.edu

Jack Hamilton (jfh@netcom.com) wrote:

& I would like to be able to use my HT on my motorcycle. After looking & around, I decided that the Comet earmic (ML-7I) would be the way to go. I & called Comet to ask whether it would work with a Yaesu FT-530, and was told & that it would. I ordered one from AES.

I have used a Maxon earmike with homebrew electronics with my FT-470. It worked fine until I put it on the motorcycle. The earmike needs an amplifier to pick up the sound of your voice coming through your head to your ear. It also amplifies the wind noise in the helmet. It turned out to be useless on the motorcycle unless I was stopped or going *very* slow. At 25 mph it was ok, 35 mph was pretty noisy, by 50 mph my voice was 100% no copy. I have a Bell Star helmet and no fairing on the bike.

--

Frank Ball 1UR-M frankb@sad.hp.com (707) 794-4168 work,
Hewlett Packard (707) 794-3844 fax, (707) 538-3693 home
1212 Valley House Drive IT175, XT350, Seca 750, '62 F-100, PL510
Rohnert Park CA 94928-4999 KC6WUG, LAW, AMA, Dod #7566, I'm the NRA.

Date: 16 Apr 93 19:52:13 GMT

From: ogicse!emory!swrinde!zaphod.mps.ohio-state.edu!uwm.edu!grc!
don@network.UCSD.EDU
Subject: Equipment for a shuttle contact?
To: info-hams@ucsd.edu

>I posted a similar question earlier and got no response so I'll try
>again.

>

>What equipment is necessary to make a contact with the space shuttle or
>to even hear it?

I've conected to the shuttle using my Kenwood TR-2600A HT running less than 5 watts to a 2m J-Pole antenna at about 20 feet. I was using my MFJ1274 TNC (obviously a packet QSO).

My experience says that you don't need lots of fance equipment or setups. But you will certainly have an easier task of it with higher power and better antennas. It took quite a few tries to make the above contact.

Donald D. Woelz, K9GR
GENROCO, Inc.

205 Kettle Moraine Drive North
Slinger, WI 53086 U.S.A.

Office Phone: 414-644-8700

k9gr@k9gr.ampr.org [44.92.1.48]
don@genroco.com

--
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Office Phone: 414-644-8700
Toll Free: 800-243-6762
Office Fax: 414-644-6667
24 hr Voicemail: 414-322-3891

Date: 16 APR 93 14:17:54

From: pa.dec.com!oct17.dfe.dec.com!rynmro4.dec.com!cimfie.enet.dec.com!
taber@decwrl.dec.com
Subject: Equipment for a shuttle contact?
To: info-hams@ucsd.edu

In article <930415154723@nauvax.ucc.nau.edu>, cvm@nauvax.ucc.nau.edu (Chris Michels) writes...

>

>If you have heard the shuttle or made a contact could you let me know
>what equipment you used? Thanks for any help you can give.

>

I've heard the shuttle working schools. They don't use the 145.55 frequency for that, but I forget which one I was listening to at the time. I haven't heard any activity on the 145.55 frequency except from the station who has thoughtfully put a PBBS on there (whith a sign-on message of "don't use this during Shuttle or MIR passes." What a saint.) Signal strength was about +40 from a discone and 60 or so feet of line to an old IC-211. You should be able to hear them fine if they transmit anywhere near you.

For the first 5 nights I got up several times in the middle of the night to try and catch them and left the packet station running to at least snag a packet or two if they went over when I wasn't listening. Nothing. I don't think ever turned the packet robot on over New England. These last couple I haven't been listening. (I only have so much stamina.)

These are the breaks of trying to work the Space DX.

>>>=>PStJTT

Date: Fri, 16 Apr 1993 19:57:49 GMT
From: newshub.nosc.mil!vela.acs.oakland.edu!destroyer!gatech!
howland.reston.ans.net!zaphod.mps.ohio-state.edu!cs.utexas.edu!utnut!nott!bnrgate!
corpgate!brtph560!nrtpa038!node_17aa4!@dog.ee.lbl.gov
Subject: Equipment for a shuttle contact?
To: info-hams@ucsd.edu

Hello Chris,

We had a SAREX scheduled contact on STS-47 in Sept. '92. The setup was from a 'earth station' with a trackable antenna system. This provided us with (below-horizon) scatter-to-scatter contact with Endeavor for about 12 minutes.

We also had a j-pole hooked up and monitored the downlink. We heard 80-90 % of the downlink.

The best approach for successful contact is a computer-controlled steerable antenna system.

Also, VERY IMPORTANT, be sure your deviation is 3 Khz. Doppler will add another 3 Khz at the horizon and you'll be slightly out of their passband then !

If I can be of further help, let me know.

73s es Good Luck !! N4ZBB

--

=====

Ken M. Edwards, Bell Northern Research, Research Triangle Park, NC
(919) 481-8476 email: cnc23a@bnr.ca Ham: N4ZBB

All opinions are my own and do not necessarily reflect the views of my employer or co-workers, family, friends, congress, or president.

Date: Fri, 16 Apr 1993 19:43:15 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
usenet.ins.cwru.edu!agate!linus!linus.mitre.org!mwvm.mitre.org!
m14494@network.UCSD.EDU
Subject: History question
To: info-hams@ucsd.edu

Jim Haynes writes:

> > I don't think a carbon microphone is a passive device.
> As further proof of amplification, there were some pre-electronic attempts
> to build telephone repeaters consisting of essentially a receiver and
> a carbon transmitter sharing a diaphragm

This is all just a matter of definition, but a carbon mic is a linear circuit element, no different from a simple fixed resistor, or a rheostat. You might as well say that a potentiometer is an active device because it "amplifies"; I can control many watts of electrical power with just the flick of a finger. Yet I don't think anyone would argue that a pot is an active device.

* These are my opinions only.*

Date: 16 Apr 1993 18:15:23 GMT
From: dog.ee.lbl.gov!newshub.nosc.mil!vela.acs.oakland.edu!destroyer!gatech!
howland.reston.ans.net!noc.near.net!transfer.stratus.com!jester.hw.stratus.com!
tjm@network.UCSD.EDU
Subject: How the DTMF masking device work?
To: info-hams@ucsd.edu

In article <1993Apr16.084922.11724@uxmail.ust.hk>, ee_hflo@uxmail.ust.hk (UST Radio Station) writes:

> How the DTMF masking device work in repeater system ?
>
> When I use the repeater system in Hong Kong, we must send my personnel
> access code to the repeater system. During I send my personal access code to
> uplink channel, the repeater system automatic send a random string of DTMF code

> in the uplink channel to mask and protect my personal access code.

> How it work?

>

There is usually a delay line in the receivers audio chain.

Once the presence of DTMF tones is detected, the audio
is squelched or masked before it hits the transmitter.

Most repeaters here will either simply squelch-off the audio;
some will insert "beeps" to inform the audience of someone using
DTMF.

tjm

--

Tim McNamara - KC1LM Send lawyers, guns, and money.
tjm@jester.hw.stratus.com
Stratus Computer Corp.
Hardware Engineer _____|__
 x-----o(o)0-----x

Date: 16 Apr 93 17:21:58 GMT

From: njitgw.njit.edu!tesla.njit.edu!syspt@RUTGERS.EDU

Subject: Motorola Motrac tuning info requested

To: info-hams@ucsd.edu

I'm converting an old Motorola Motrac from 460 down to 440. I do have
a "Motrac" 450-470 manual however it does not seem to be the same version
radio. The schematic is dated 1970 and the radio is dated 1965.

Does anyone one have a schematic / tuning instructions for this old Motrac?
One way to check is with L1-L6 on the rcvr's front end. On my 1965 radio
L1-L5 are "screw type" coils. L6 is a standard coil.

On my 1970 manual L1-L6 are all "screw type".

Also, I suspect I will have to change a cap in the multiplier stages.

Any info would be appreciated.

Please respond to syspt@admin1.njit.edu

Thank you,
Pete ww2i.

Date: 16 Apr 93 22:05:44 GMT

From: telesoft!garym@uunet.uu.net

Subject: STS-56 Element Set (106.63)
To: info-hams@ucsd.edu

STS-56

1 22621U 93 23 A 93106.63589010 +.00053204 00000-0 13021-3 0 277
2 22621 57.0020 139.9839 0008736 142.8313 217.3372 15.95688009 1352

Satellite: STS-56

Catalog number: 22621

Epoch time: 93106.63589010 (16 APR 93 15:15:40.91 UTC)

Element set: GSFC-027a

Inclination: 57.0020 deg

RA of node: 139.9839 deg Space Shuttle Flight STS-56

Eccentricity: 0.0008736 Keplerian Elements

Arg of perigee: 142.8313 deg

Mean anomaly: 217.3372 deg

Mean motion: 15.95688009 rev/day Semi-major Axis: 6664.5302 Km

Decay rate: 0.53E-03 rev/day*2 Apogee Alt: 291.96 Km

Epoch rev: 135 Perigee Alt: 280.32 Km

NOTE - This element set is based on NORAD element set # 027.

The spacecraft has been propagated to the next ascending node, and the orbit number has been adjusted to bring it into agreement with the NASA numbering convention.

R.A. Parise, Goddard Space Flight Center

G.L.CARMAN, JSC

Lou McFadin, JSC

--

Gary Morris KK6YB Internet: elements-request@telesoft.com

San Diego, CA, USA Phone: +1 619-457-2700

(for Shuttle Elements subscription info, email: listserv@telesoft.com)

Date: Fri, 16 Apr 1993 14:14:00 MST

From: hellgate.utah.edu!cs.utexas.edu!uwm.edu!zaphod.mps.ohio-state.edu!
sol.ctr.columbia.edu!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!
ve6mgs!rec-radio-info@dog.ee.lbl.gov
Subject: Welcome to rec.radio.info!
To: info-hams@ucsd.edu

Archive-name: radio/rec-radio-info/welcome

Last-modified: \$Date: 1993/04/09 20:30 \$

Version: \$Revision: 1.03 \$

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propagated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:

```
/Newsgroups:.*[ ,]rec\.\radio\.info/h:j
```

either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:

```
rec.radio.info:!s/:^
```

in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:

```
sequence
rec.radio.info
rec.radio.
```

at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

- 1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.
- 2) Obvious discussion articles, or articles that appear unsubstantiated.
- 3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
sub address radio-info  
unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

```
sub mymailbox@myhost.mydomain.mil radio-info  
or  
sub MEMEME01@DMBHST.bitnet radio-info
```

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:

- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
 saved to /pub/dx/text/rec.radio.info currently stored as
 numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up its delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as timely.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:

rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--

Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

Date: 16 Apr 93 18:45:19 GMT
From: ogicse!das-news.harvard.edu!noc.near.net!transfer.stratus.com!jjmhome!
schunix!kshus@network.UCSD.EDU
Subject: Where to find solid state voice storage unit kit or schematic?
To: info-hams@ucsd.edu

I want to build a solid state voice storage unit to use in an industrial situation. I am looking for a quality, high tech design that offers great audio quality (I don't want compressed, recorded sounding audio). I remember seeing a design in QST along with a parts list. Can anyone tell me what issue of QST described this unit? Has anyone had any experience with the Ramsey unit? I don't want a cheapy type kit that

Date: 16 Apr 93 21:34:56 GMT
From: haven.umd.edu!darwin.sura.net!gatech!prism!gt4503e@uunet.uu.net
Subject: Wireless LAN News Group
To: info-hams@ucsd.edu

Is there a usenet ReadNews for this topic? If not, how about an INFO bulletin/newsgroup service via Internet. I would like to learn more about wireless LANs, 900MHz, spread spectrum, etc.

Tracy Wood KD0UP

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uucp:!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt4503e
Internet: gt4503e@prism.gatech.edu (or) sigcen@chmsr.gatech.edu

Date: Fri, 16 Apr 1993 16:46:09 GMT
From: hobbes!rogerv@uunet.uu.net
To: info-hams@ucsd.edu

References <btobackC599wq.n0J@netcom.com>, <5FgZ2B1w165w@twiki.PDX.COM>, <C5JwnK.F6M@wang.com>tate.
Subject : Re: Ham radio: The dull alternative

>>>sometimes treated more like pets than people. Not only were there
>no girls or women among the 20 or so applicants at the VE session
>I went to, but none of the VEs were women.

>>>

>I was rather perplexed at this well intentioned comment. Why would it
>matter if there were VEs who were women or not? We should really not
>care if they are women, but simply, if they are qualified.

>Organizations shouldn't have to divide positions based on the fact that
>there have to be percentages of various genders and races and such. The
>fact of the matter is, you utilize who will get the job done, regardless
>of who they are, what nationality they are, how much money they make, or
>how they choose to pray (or lack thereof).

There are valid reasons for affirmative action. I don't believe that
it is applicable to a hobbies, however. It is usually a workplace
issue...

However, if a woman could not become a VE because she is a woman,
then that is a different issue. I think that a lot of people would
find that objectionable, hobby or not.

-Roger

End of Info-Hams Digest V93 #474
